

External GSM Antenna - Adhesive Mount

APAMS-101

RoHS/RoHS II compliant

Lead in copper alloy exemption (6c); and Lead in glass exemption (7c-1)



115 x 22 x 7mm

MSL level: Not Applicable

FEATURES:

- High Reliability/ Sensitivity
- Compact Size
- Easy to install (adhesive tape base)
- ROHS Compliant

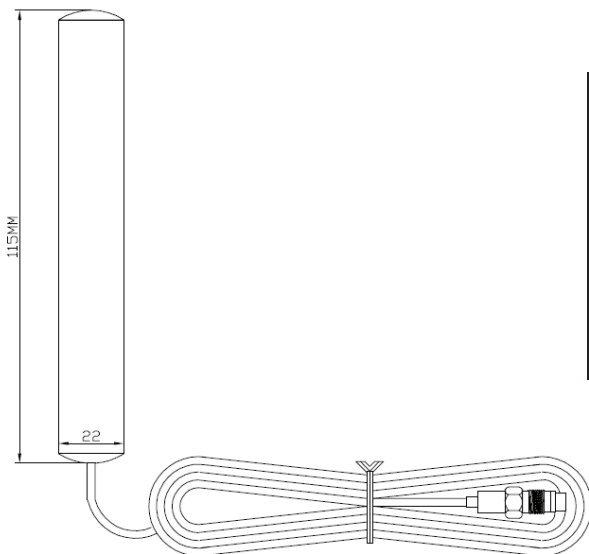
TYPICAL APPLICATIONS:

- Wireless Communications
- GSM
- GPRS
- CDMA
- UMTS
- Vehicle Monitoring

STANDARD SPECIFICATIONS:

| Parameters | Min. | Typ. | Max. | Units | Note |
|-----------------------|---------------------|------|------|-------|------------|
| Frequency Range | 820 | | 960 | MHz | (GSM900) |
| | 1710 | | 1990 | MHz | (GSM1800) |
| Bandwidth | | 140 | | MHz | (@900MHz) |
| | | 280 | | MHz | (@1800MHz) |
| VSWR | | | 2:1 | | |
| Impedance | | 50 | | Ω | |
| Gain | | 1 | | dBi | (@900MHz) |
| | | 2 | | dBi | (@1900MHz) |
| Polarization | Linear Polarization | | | | |
| Azimuth | Omni-Directional | | | | |
| Operating Temperature | -40 | | +80 | °C | |
| Storage Temperature | -45 | | +85 | °C | |

OUTLINE DRAWING:



| Parameters | Description |
|------------------|---------------|
| L (Cable Length) | 2.5±0.1m |
| Antenna | PCB |
| RF Connector | FME-K3 |
| RF Cable | RG174 |
| Thickness | 7mm |
| Enclosures | Plastic |
| Mounting Type | Adhesive Tape |

Unit: mm

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PRODUCT IMAGE:



PACKAGING:

Each 400x32.5x180mm size carton includes 300 pieces of antenna.



CAUTION:

- (1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to the component.
- (2) Do not expose the component to open flame.
- (3) This specification applies to the functionality of the component as a single unit. Please insure the component is thoroughly evaluated in the application circuit.

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